

IN THE CLAIMS

Please amend the claims as follows.

- 1 1. (Currently amended) A method for controlling screens in an electronic device
2 having a display and a plurality of application programs, each application program
3 having associated with it a plurality of screens, the method comprising:
4 establishing a link between a user interface control of the device and commands
5 in the application programs using a control file coupled to a software bus, wherein the
6 application programs comprise application programs that are not native to the device, and
7 wherein the control file is editable to configure the link;
8 detecting at the software bus user activation of the user interface control
9 represented on the display, the display displaying a representation of a first screen that
10 corresponds to execution of a first application program, the representation of the first
11 screen including a representation of the user interface control, the user interface control
12 associated with one and only one of a plurality of commands and included in one of the
13 plurality of screens;
14 matching a command to the activation of the user interface control associated with
15 the command in response to an indication of the command listed in the control file with
16 indications of the plurality of commands;
17 one of a plurality of object methods, each associated with one and only one of the
18 plurality of commands, responding to a match between the command listed in the control
19 file and the activation of the user interface control; and
20 starting execution of a second application program in response to a command of
21 at least one of the control file and the software bus, and changing the display from
22 displaying a representation of the first screen to displaying a representation of a second
23 screen in response to the object method, wherein the second screen corresponds to the
24 second application program.

1 2. (Previously presented) The method of claim 1, wherein the object method
2 invoked by activation of the user interface control of the first screen is included in the
3 second application program.

1 3. (Previously presented) The method of claim 1, wherein the object method
2 invoked by activation of the user interface control of the first screen is included in the
3 first application program.

1 4. (Previously presented) The method of claim 1, wherein:
2 the file includes indications of a plurality of user interface control labels, each
3 associated with one of the indications of the plurality of commands; and
4 the representation of the user interface control on the display includes one of the
5 plurality of user interface control labels.

1 5. (Previously presented) The method of claim 1, wherein detecting user
2 activation of a user interface control comprises:
3 creating a plurality of bus listeners as components of the software bus, at least one
4 bus listener of the plurality of bus listeners corresponding to each user interface control,
5 each bus listener having a corresponding address;
6 storing a value listed in the control file in an address listed in the control file, the
7 value and address each associated with the command associated with the user interface
8 control; and
9 a bus listener having the address associated with the command responding to a
10 change in value stored in the address associated with the command by invoking the
11 command.

1 6. (Previously presented) The method of claim 5, wherein:
2 the object method invoked by activation of the user interface control of the first
3 screen is included in the second application program; and

4 the bus listener having the address associated with the command responds to a
5 change in value by invoking a command changing from the first screen to the second
6 screen.

1 Claims 7-14 (canceled).

1 15. (Currently amended) An electronic device, comprising:
2 a display;
3 a memory in which is storable an object framework, a control file, a plurality of
4 application programs, wherein at least one of the plurality of application programs is not
5 native to the device, and wherein the control file is editable to configure the link, and a
6 software bus coupled to the control file and the application programs, each application
7 program having associated with it a plurality of screens, the control file defining
8 interrelationships of screens and user interface controls; and
9 a processor programmed to effect a method using the object framework
10 comprising,
11 establishing a link between the user interface controls and commands in the
12 application programs using the control file;
13 detecting at the software bus user activation of a user interface control represented
14 on the display, the display displaying a representation of a first screen that corresponds to
15 execution of a first application program, the representation of the first screen including a
16 representation of the user interface control, the user interface control associated with one
17 and only one of a plurality of commands and included in one of the plurality of screens;
18 matching a command to the activation of the user interface control associated with
19 the command in response to an indication of the command listed in the control file with
20 indications of the plurality of commands;
21 one of a plurality of object methods, each associated with one and only one of the
22 plurality of commands, responding to a match between the command listed in the control
23 file and the activation of the user interface control; and
24 starting execution of a second application program in response to a command of
25 at least one of the control file and the software bus, and changing the display from

26 displaying a representation of the first screen to displaying a representation of a second
27 screen in response to the object method, wherein the second screen corresponds to the
28 second application program.

1 16. (Previously presented) The device of claim 15, wherein
2 the object method invoked by activation of the user interface control of the first
3 screen is included in the second application program.

1 17. (Previously presented) The device of claim 15, wherein the object method
2 invoked by activation of the user interface control of the first screen is included in the
3 first application program.

1 18. (Previously presented) The device of claim 15, wherein:
2 the file includes indications of a plurality of user interface control labels, each
3 associated with one of the indications of the plurality of commands; and
4 the representation of the user interface control on the display includes one of the
5 plurality of user interface control labels.

1 19. (Previously presented) The device of claim 15, wherein the processor detecting
2 user activation of a user interface control comprises:
3 creating a plurality of bus listeners as components of the software bus, at least one
4 bus listener of the plurality of bus listeners corresponding to each user interface control,
5 each bus listener having a corresponding address;
6 storing a value listed in the control file in an address listed in the control file, the
7 value and address each associated with the command associated with the user interface
8 control; and
9 a bus listener having the address associated with the command responding to a
10 change in value stored in the address associated with the command by invoking the
11 command.

1 20. (Previously presented) The device of claim 19, wherein:

2 the object method invoked by activation of the user interface control of the first
3 screen is included in the second application program; and
4 the bus listener having the address associated with the command responds to a
5 change in value by invoking a command changing from the first screen to the second
6 screen.

1 21. (Previously presented) The device of claim 15, further comprising:
2 a personal digital assistant-sized case; and
3 a wireless data communication interface for communicating data with a remote
4 device.

1 22. (Previously presented) The method of claim 1, further comprising configuring the
2 control file in accordance with the plurality of application programs, wherein the
3 configuring is performed during at least one of placement of the device in a powered
4 state, initialization of the device, resetting of the device, login events of the device.

1 23. (Previously presented) The method of claim 1, wherein the software bus
2 comprises a plurality of content holders, wherein content of each content holder is
3 associated with a different one of the application programs, wherein the software bus via
4 the content holders invokes execution of an application program as appropriate to an
5 activated user interface control.

1 24. (Previously presented) The device of claim 15, further comprising the processor
2 configuring the control file in accordance with the plurality of application programs,
3 wherein the configuring is performed during at least one of placement of the device in a
4 powered state, initialization of the device, resetting of the device, login events of the
5 device.

1 25. (Previously presented) The device of claim 15, wherein the software bus
2 comprises a plurality of content holders, wherein content of each content holder is
3 associated with a different one of the application programs, wherein the software bus via

- 4 the content holders invokes execution of an application program as appropriate to an
- 5 activated user interface control.